

FIG. 2

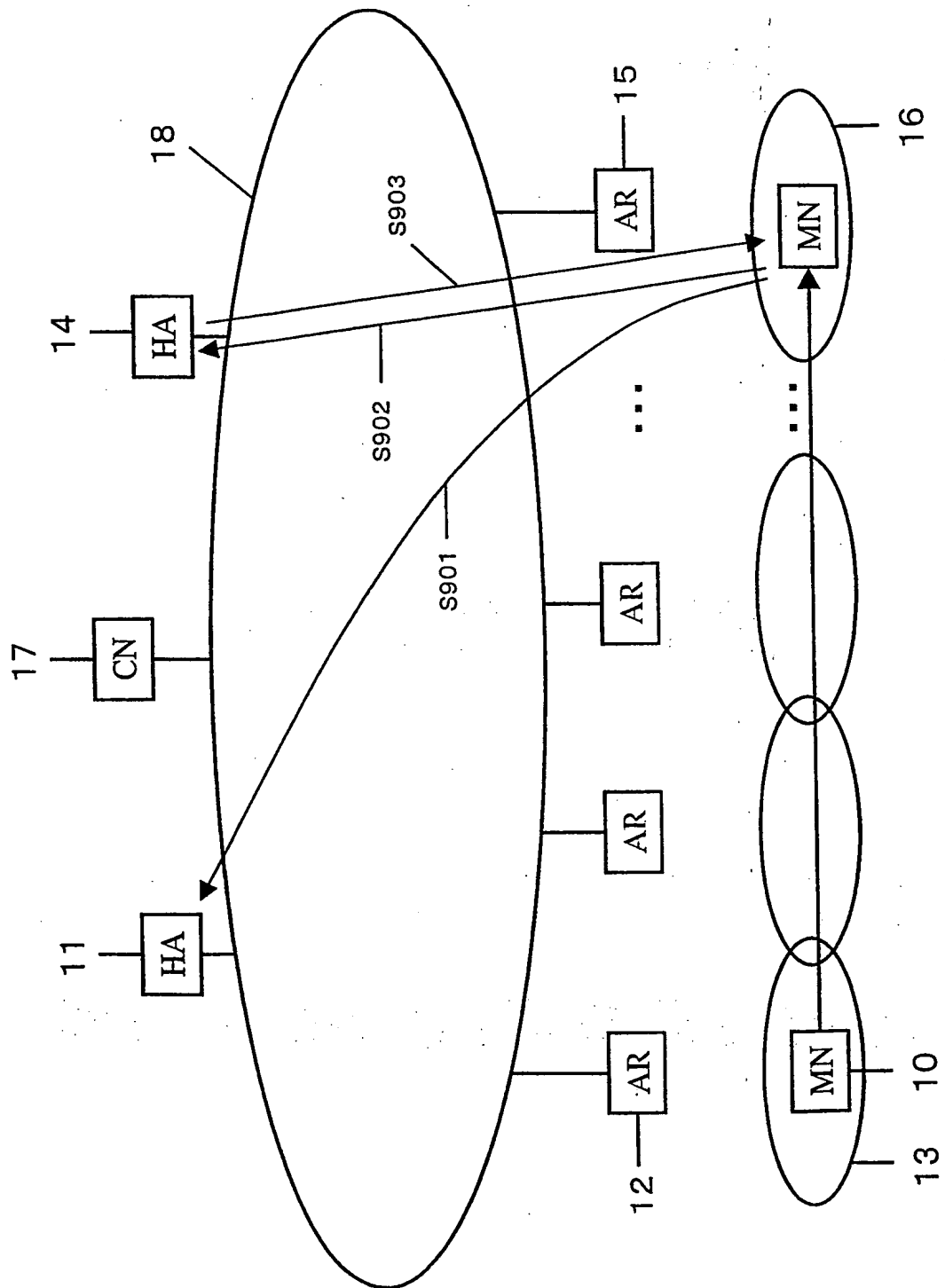


FIG. 3

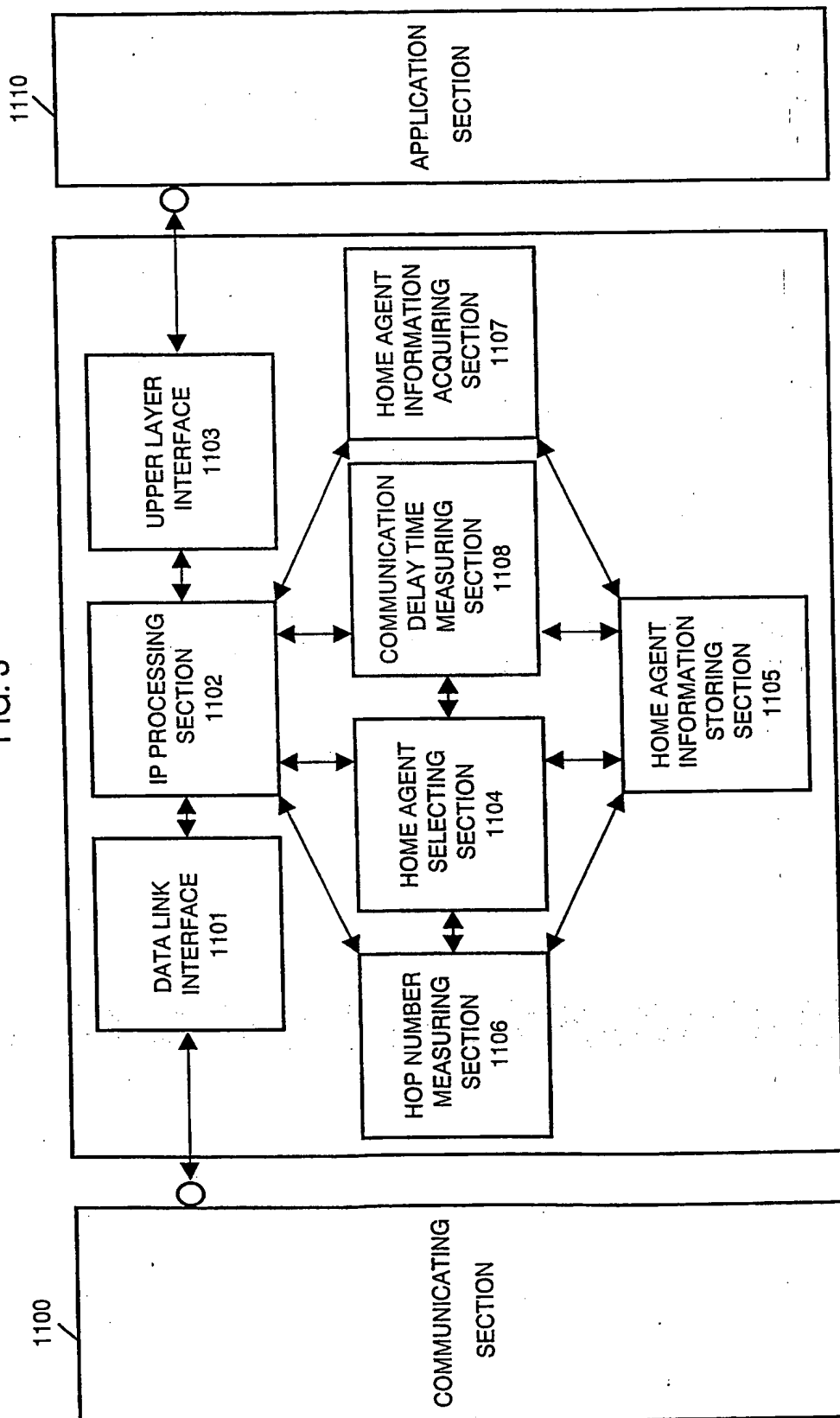


FIG. 4

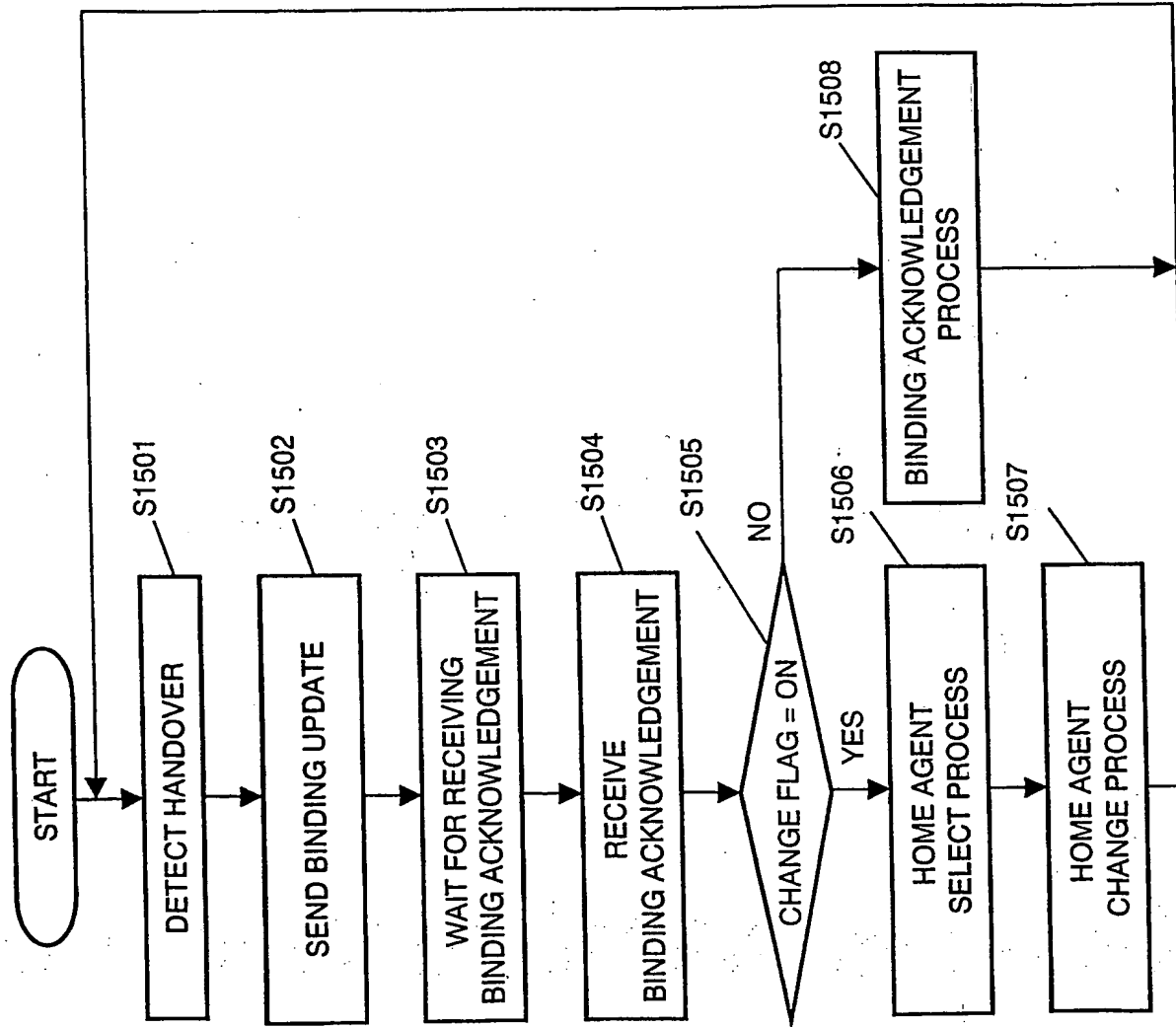


FIG. 5

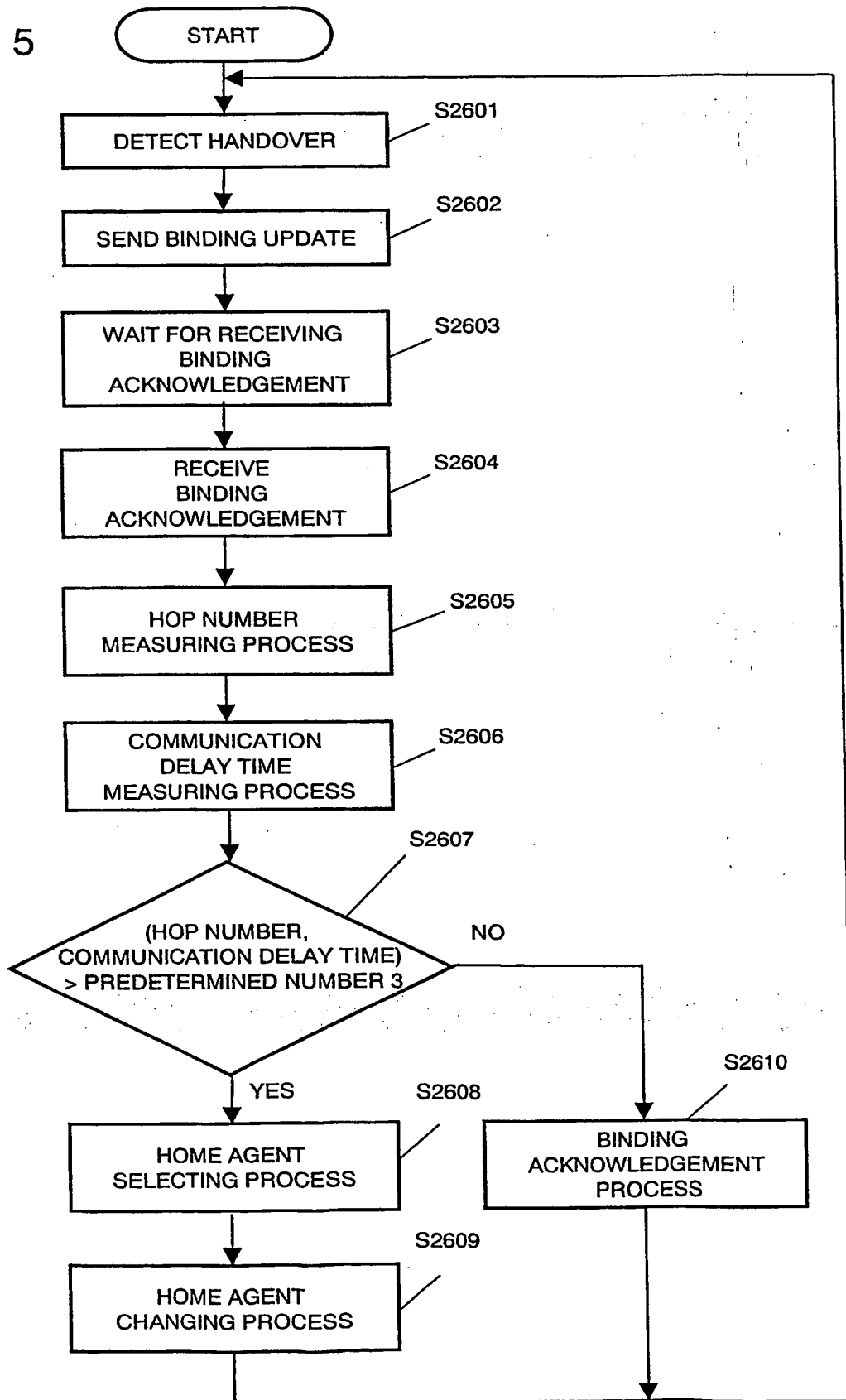


FIG. 6

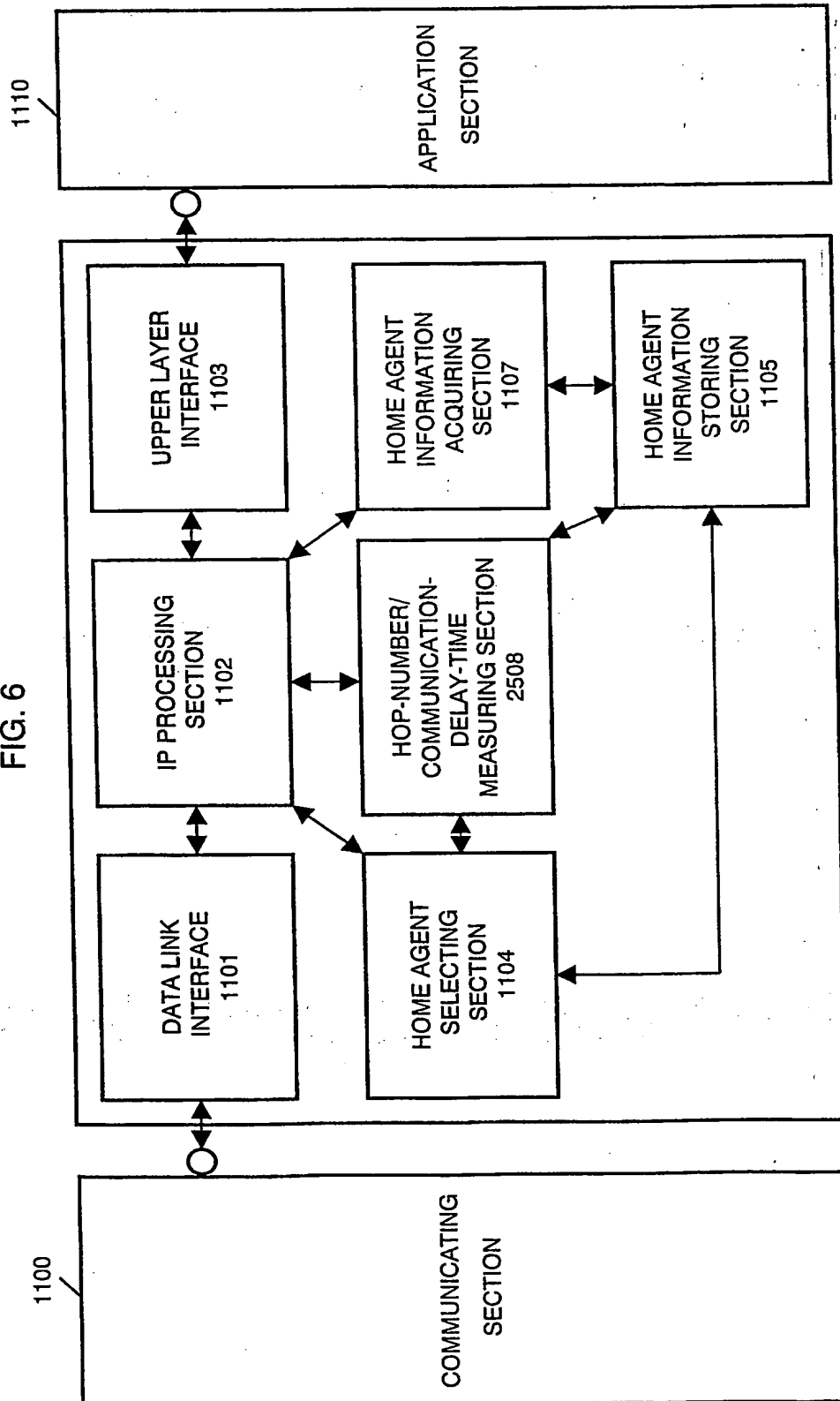


FIG. 7

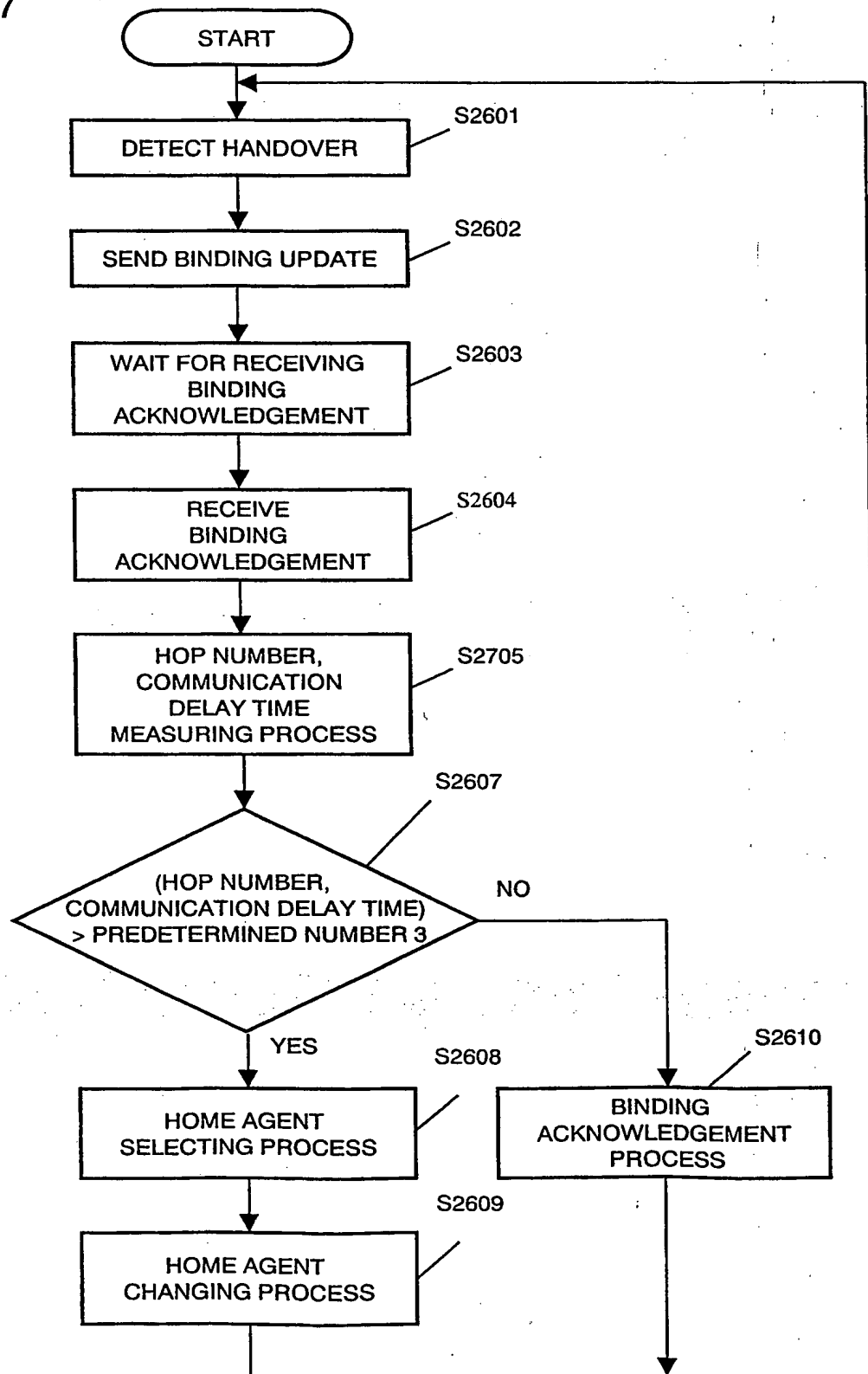
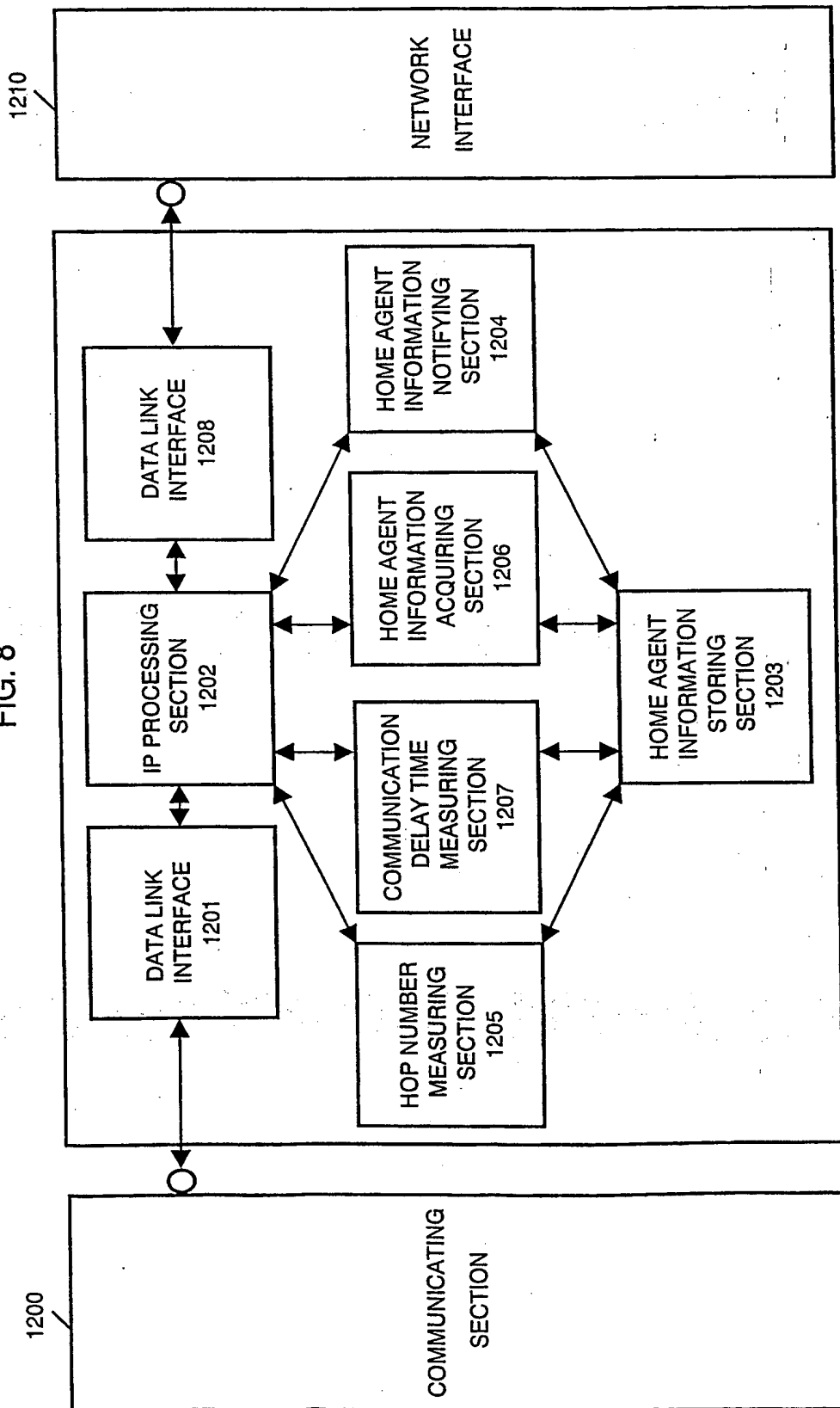


FIG. 8



3500			
3501	3502	3503	3504
Home Agent	Prefixes	Access Routers	Information
1:2:2:3:4:5:6:7	1:2:3:0::0/48	AR1~16	Load = High Resource = OK
	1:2:4:0::0/48	AR17~32	
1:2:5:6:7:8:9:1	1:2:5:0::0/48	AR33~38	Resource = Empty
⋮	⋮	⋮	⋮

FIG. 9A

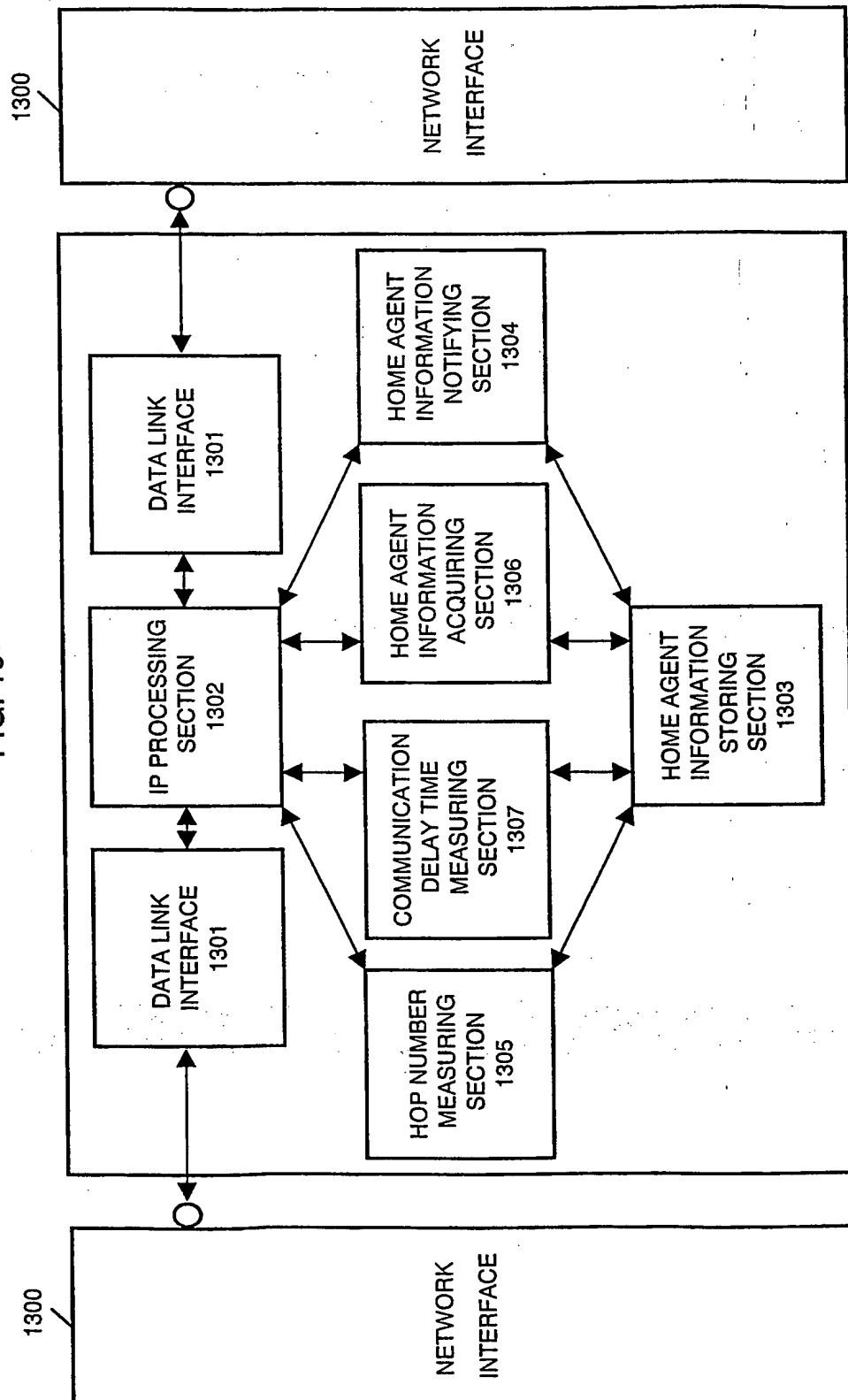
3510			
3501	3504	3505	3507
Home Agent	Information	Hop	Delay
1:2:2:3:4:5:6:7	Load = High Resource = OK	13	100msec
1:2:5:6:7:8:9:1	Resource = Empty	12	90msec
⋮	⋮	⋮	⋮

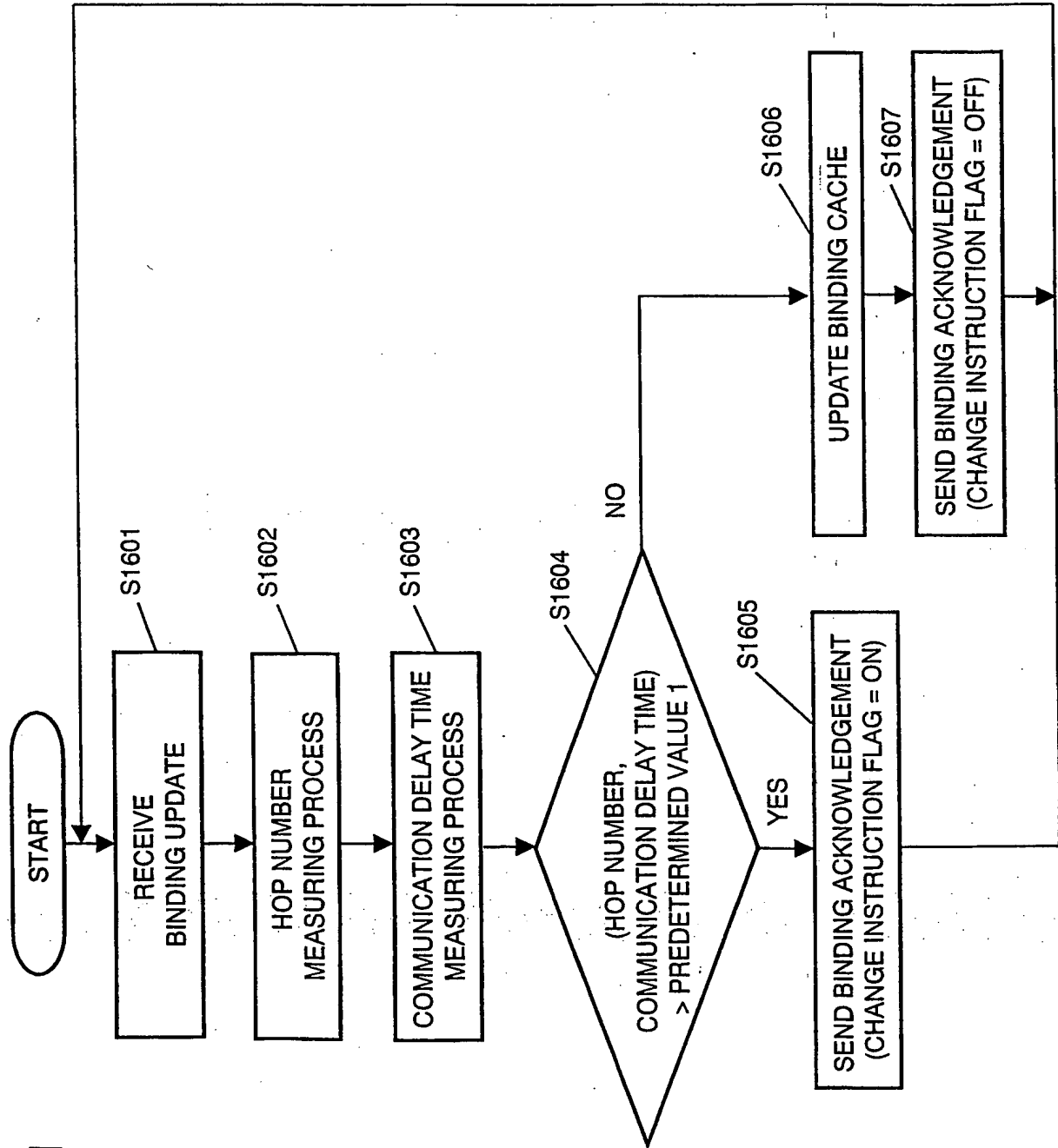
FIG. 9B

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FIG. 10





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FIG. 12

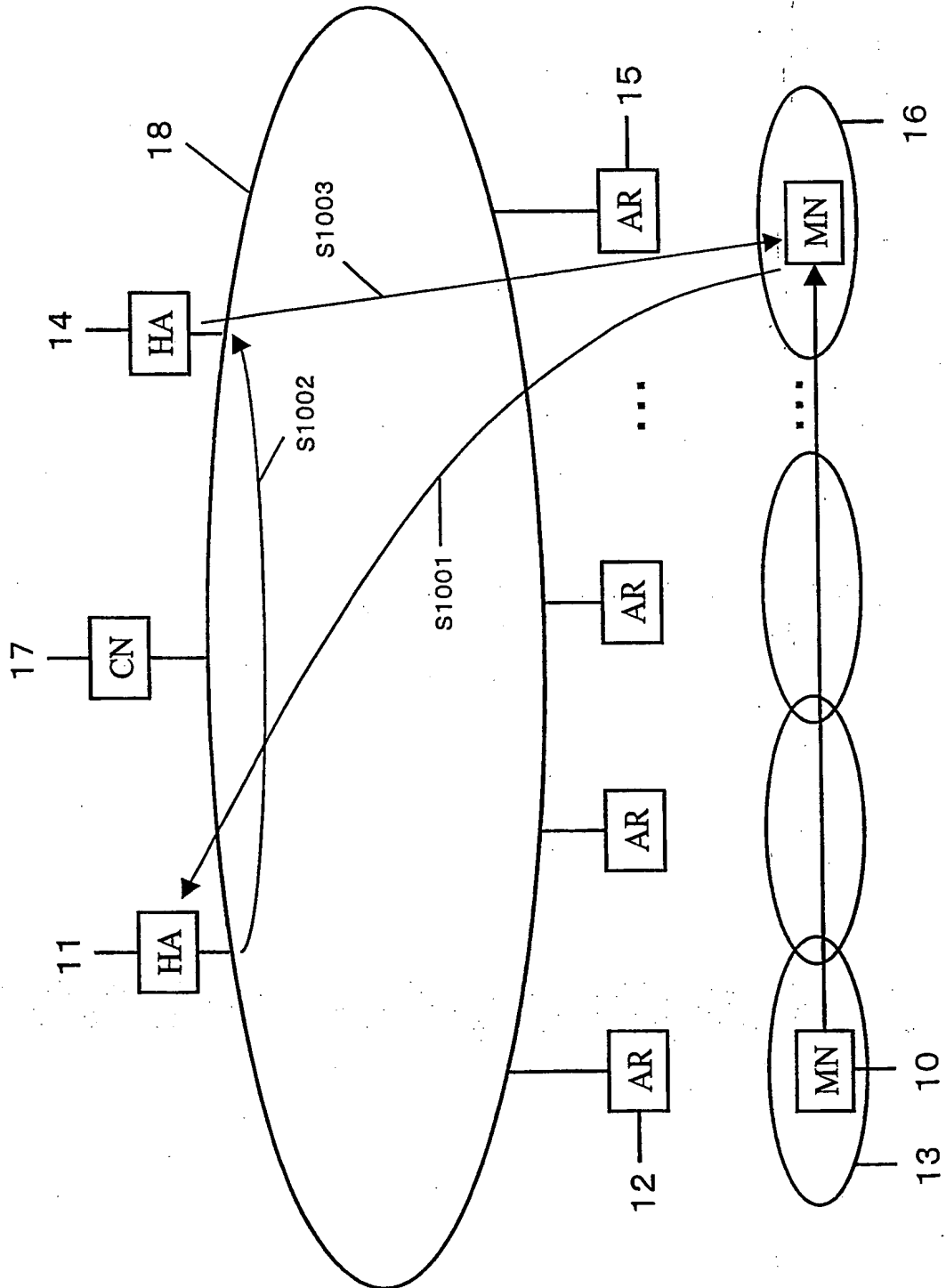
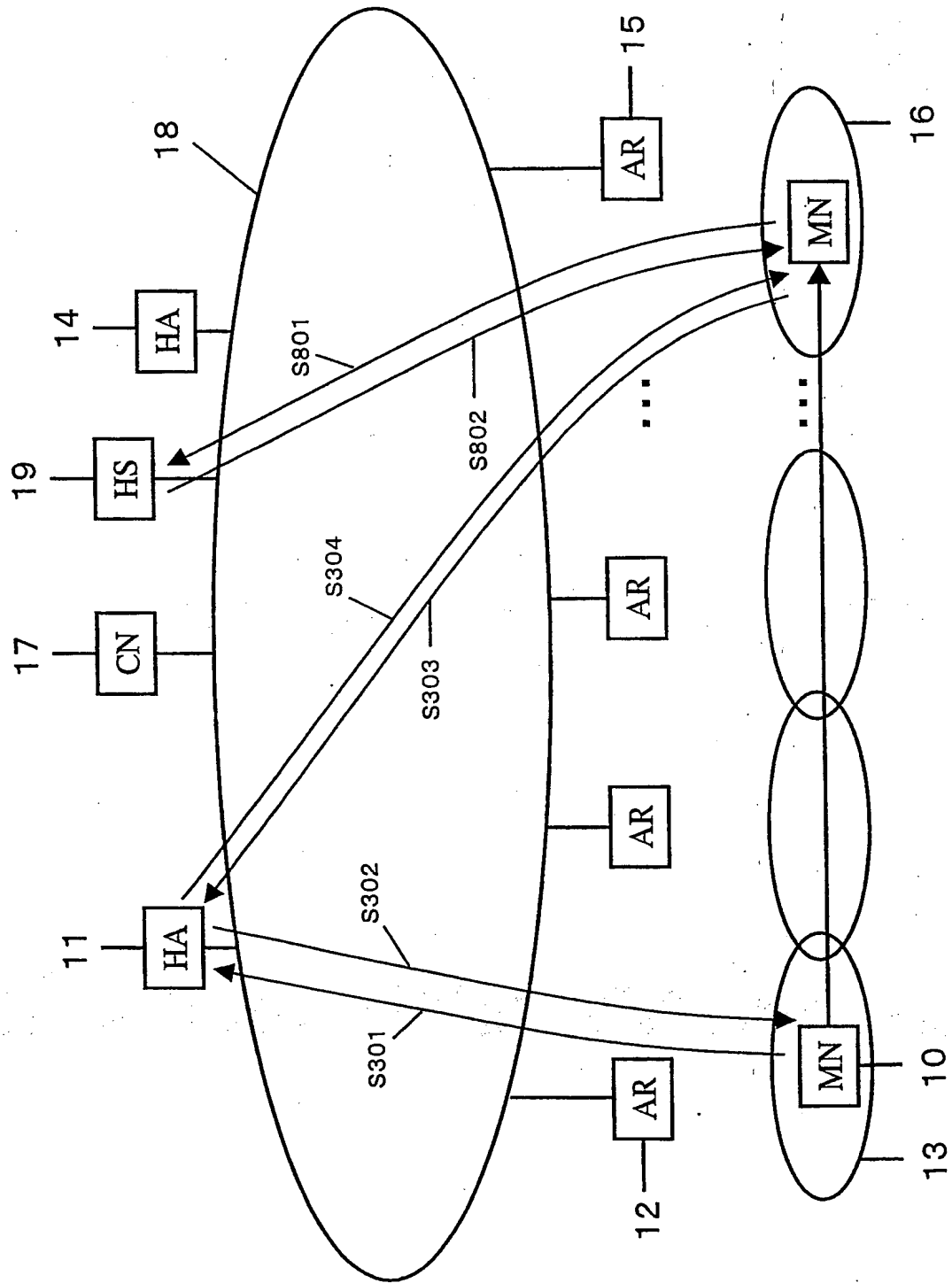


FIG. 14



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FIG. 15B

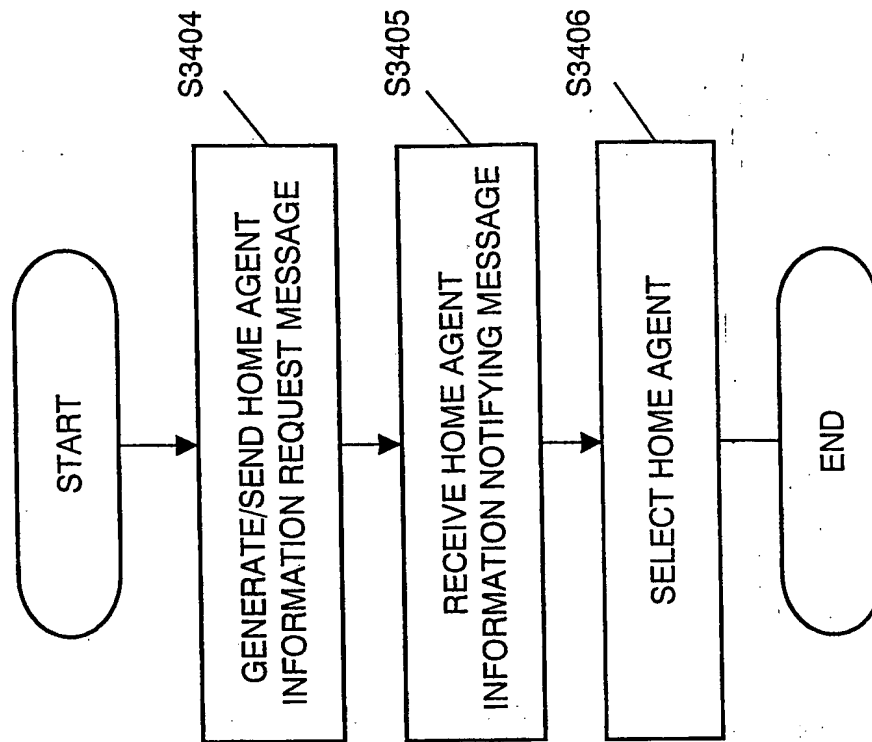


FIG. 15A

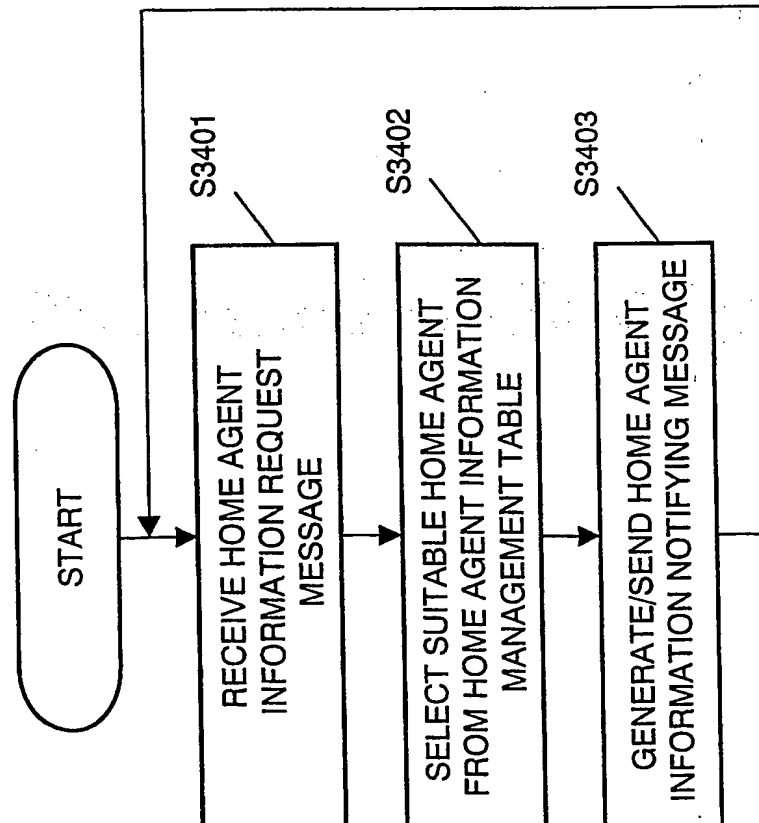


FIG. 16

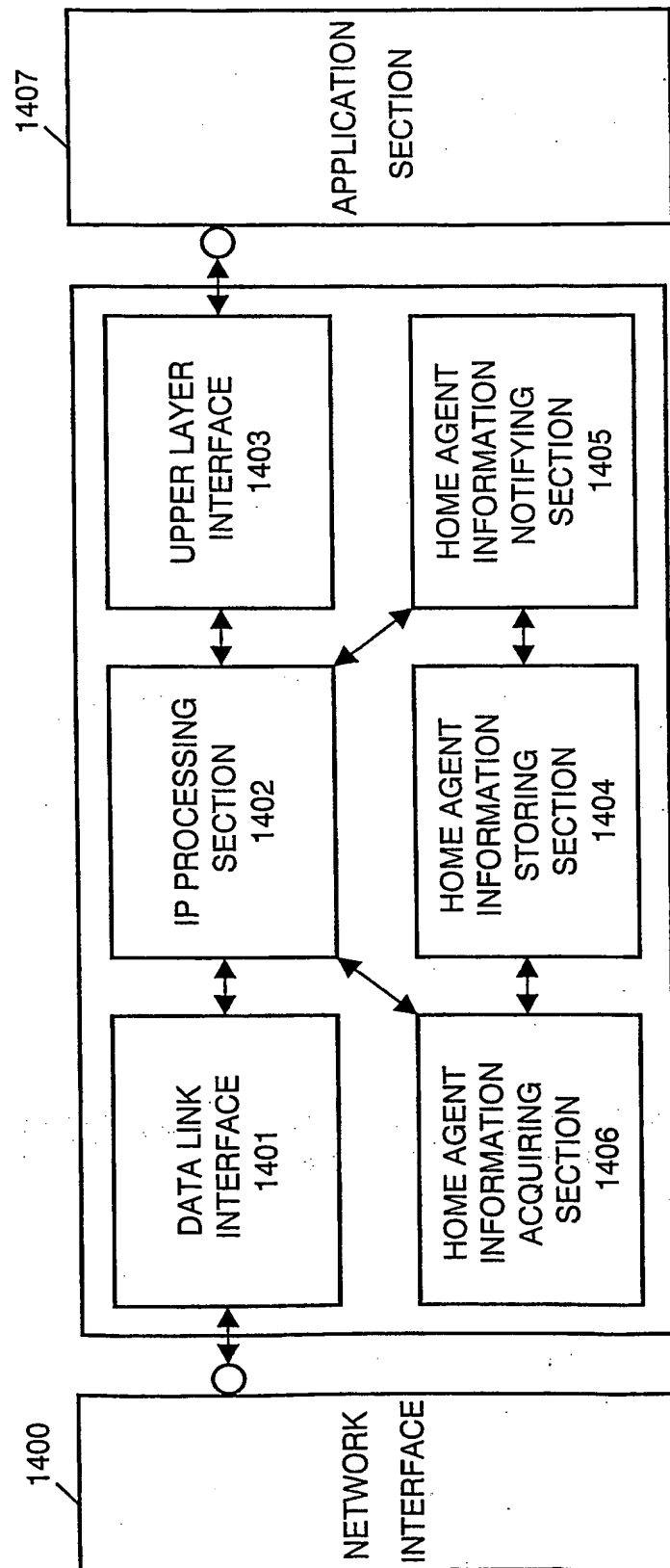


FIG. 17

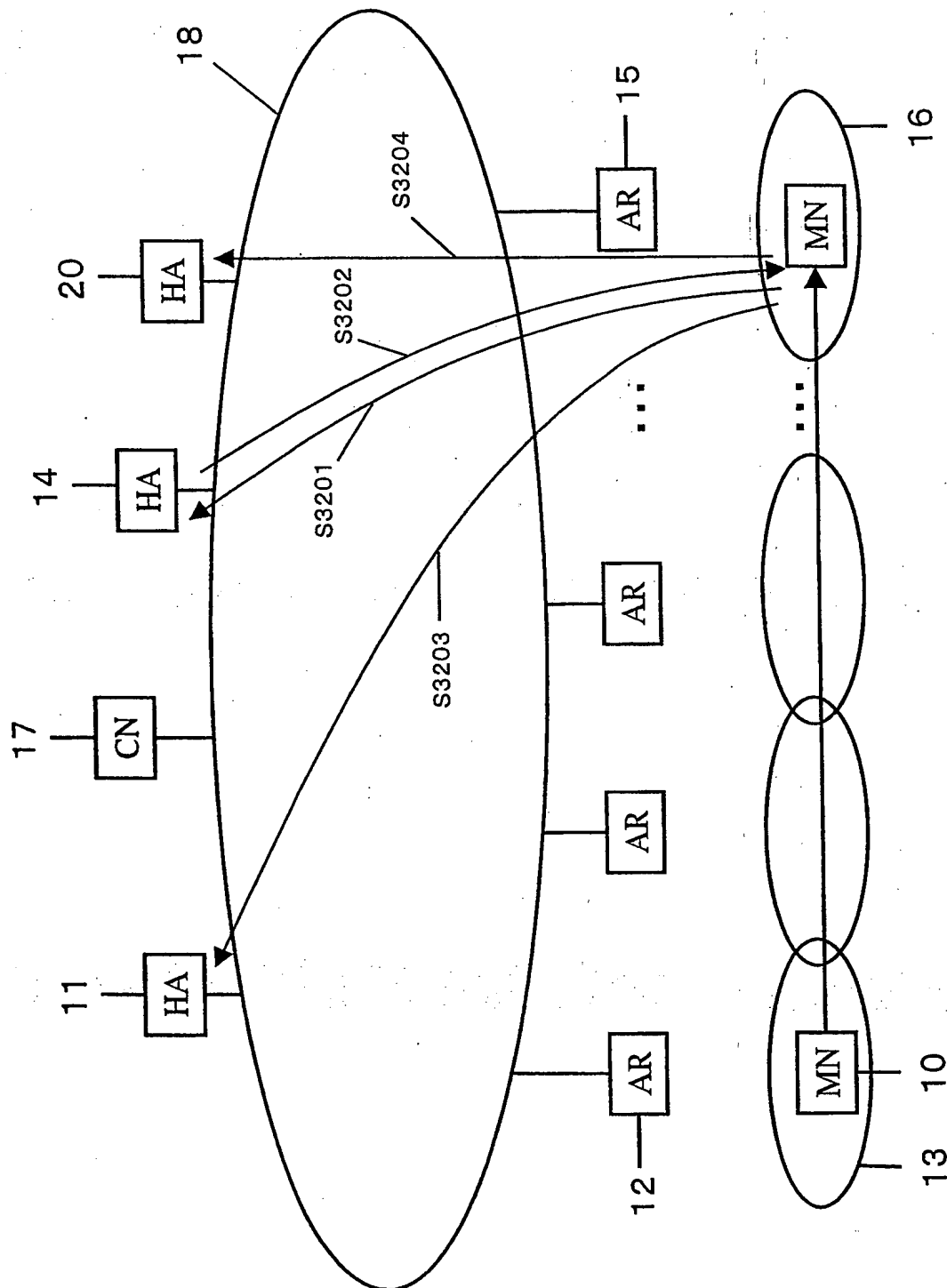


FIG. 18

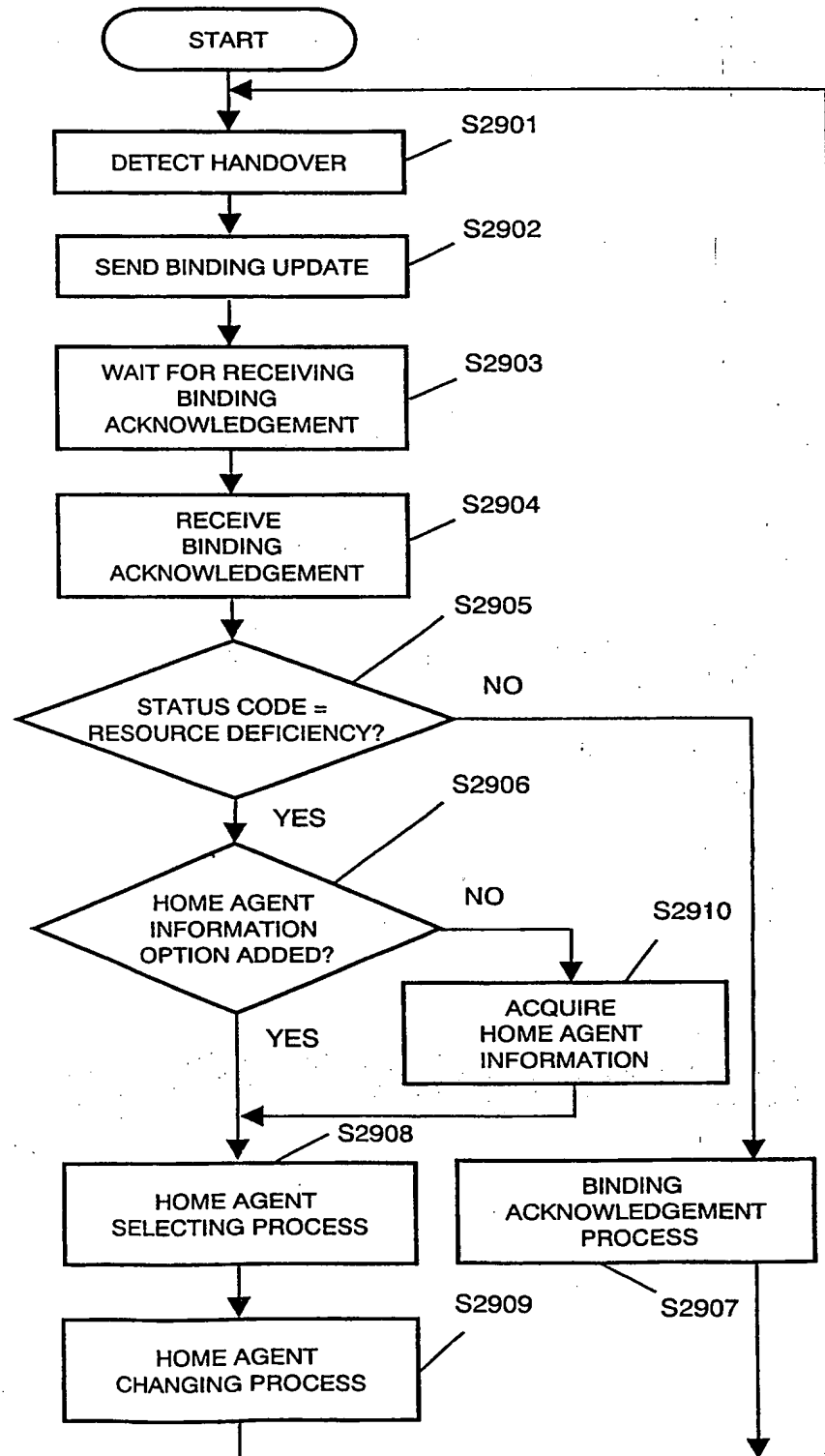


FIG. 19

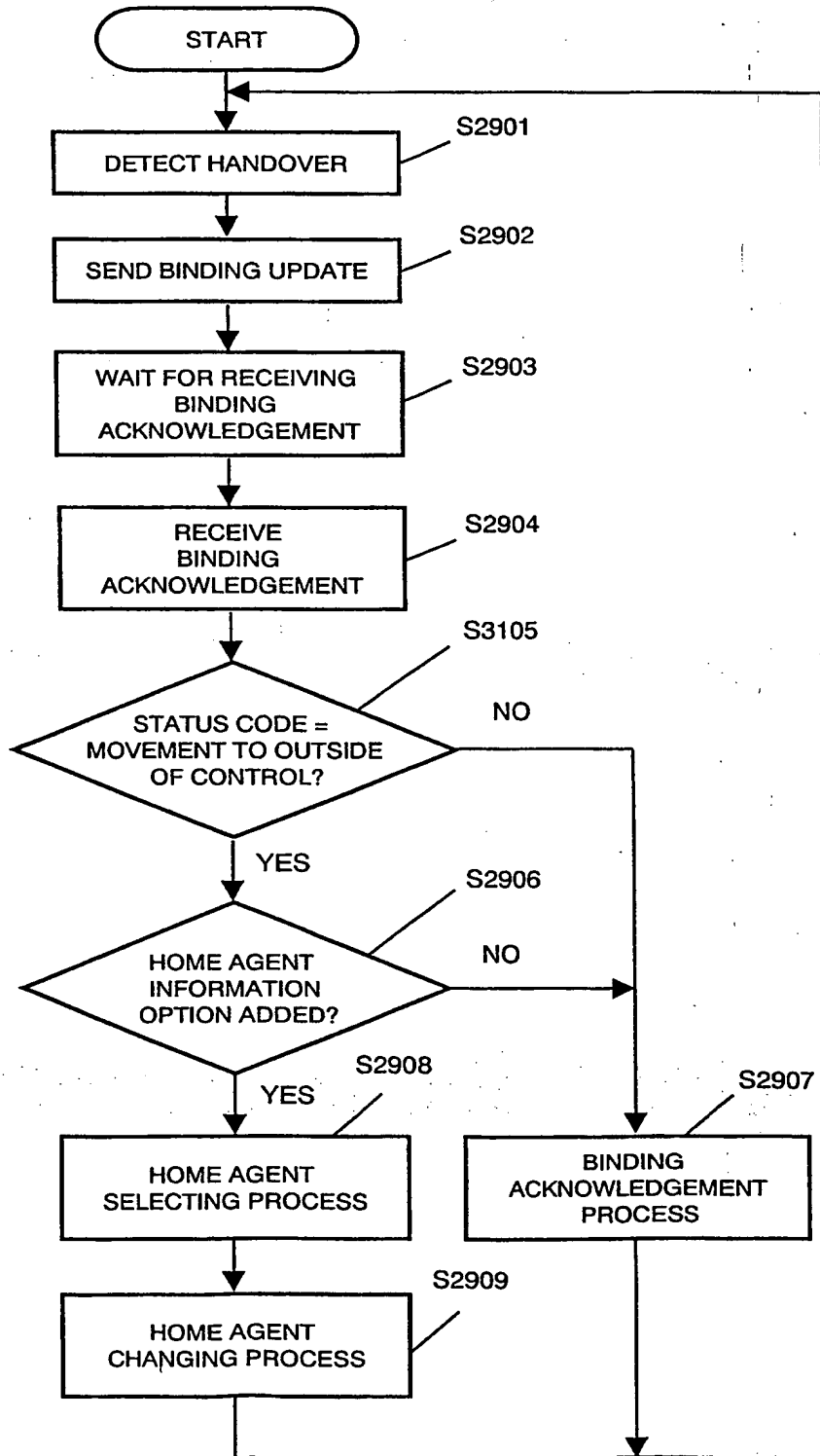
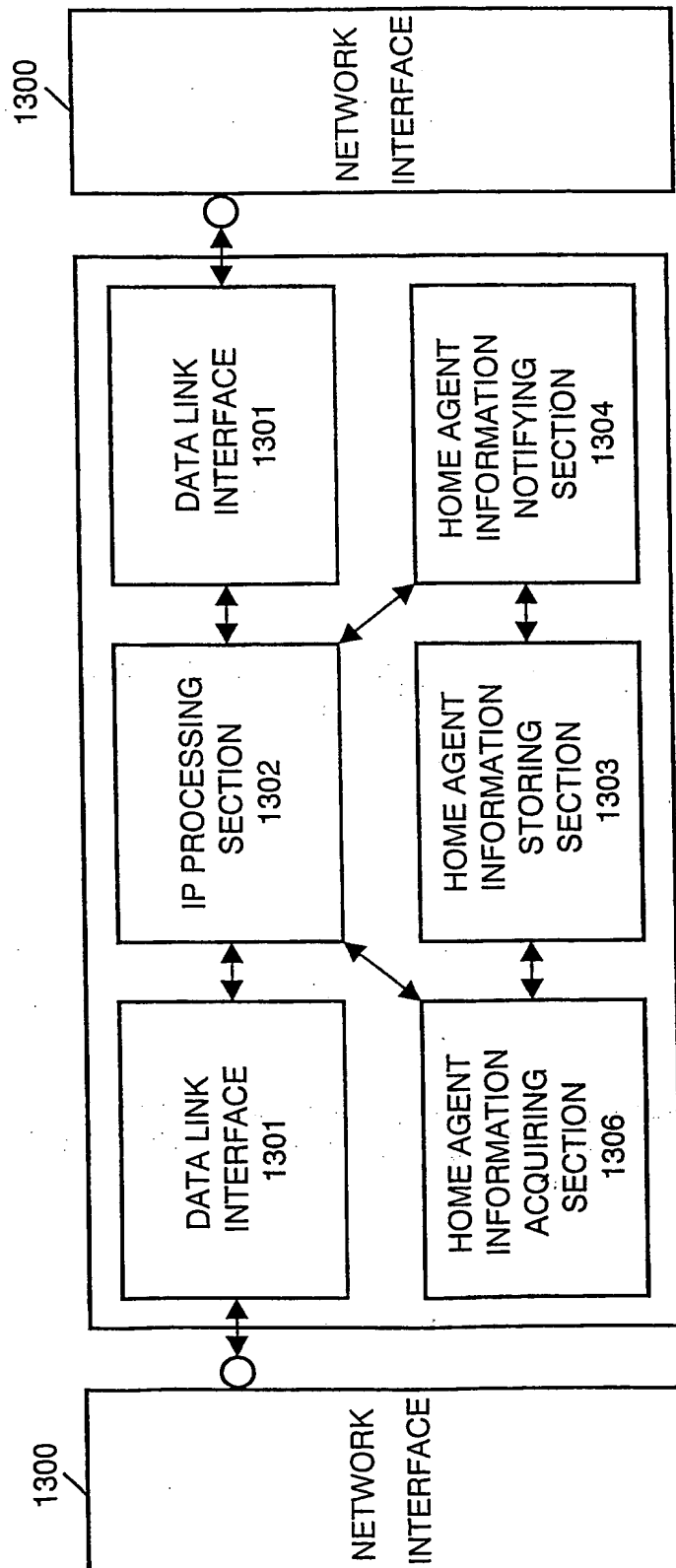
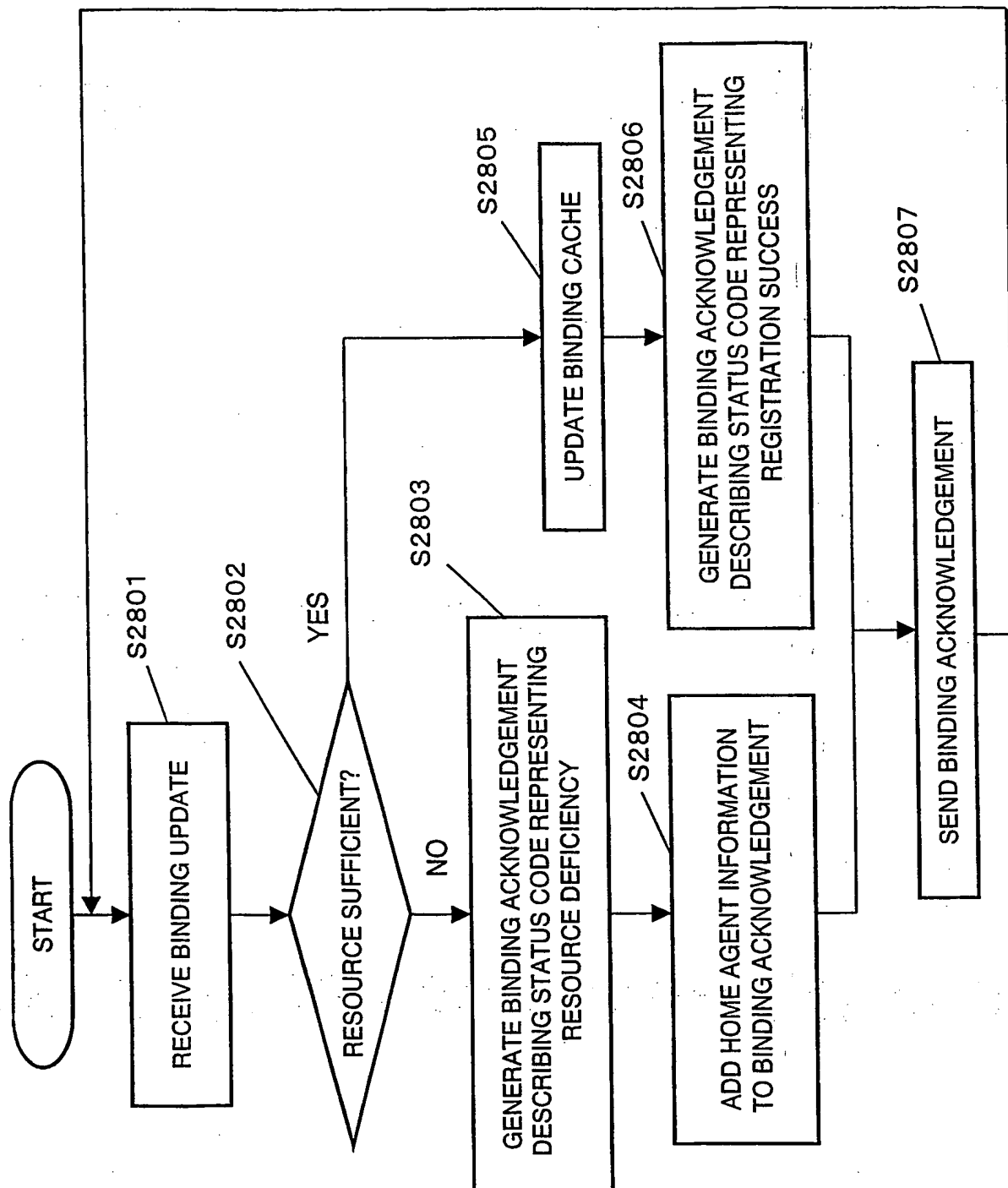


FIG. 20





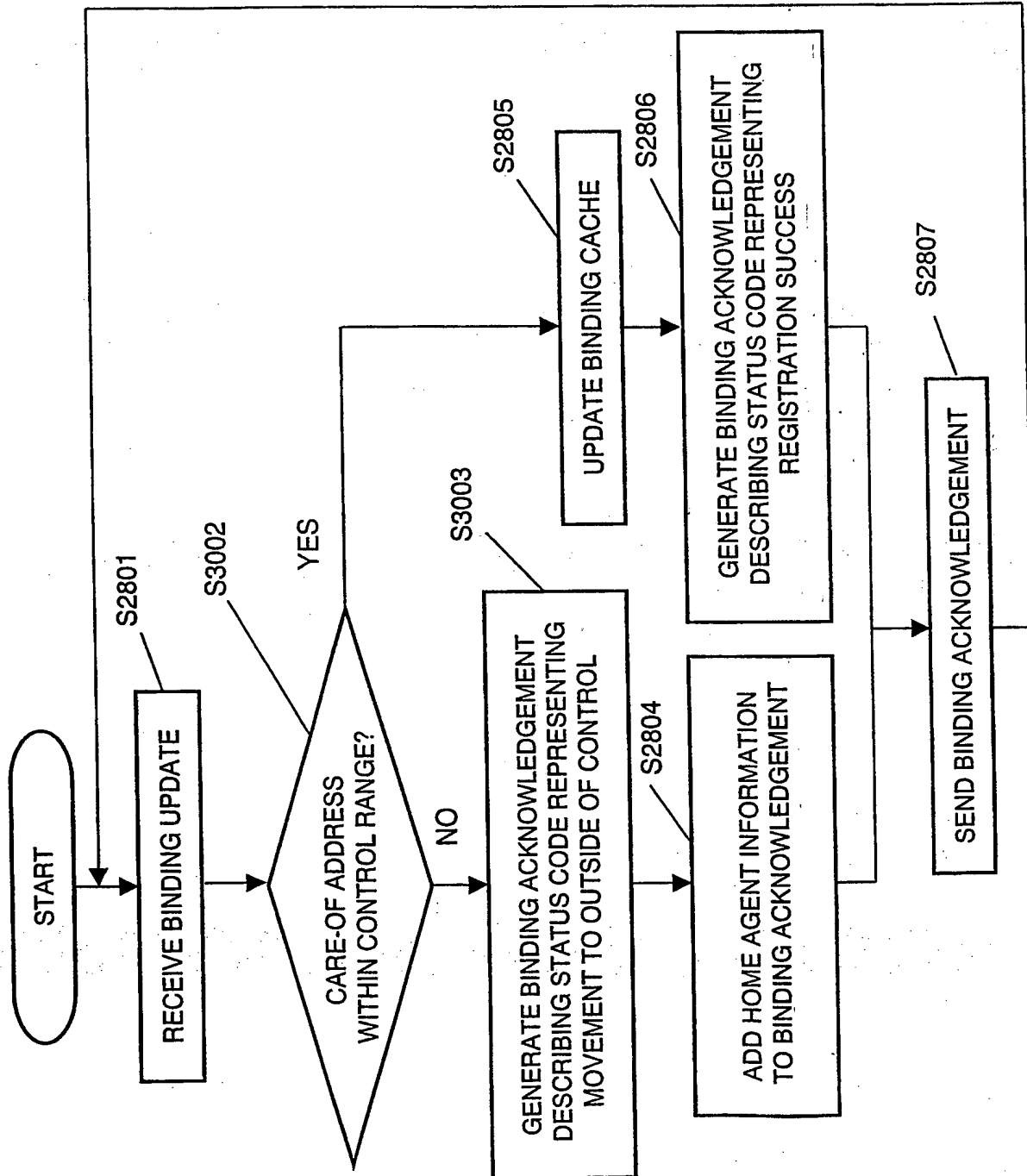


FIG. 23

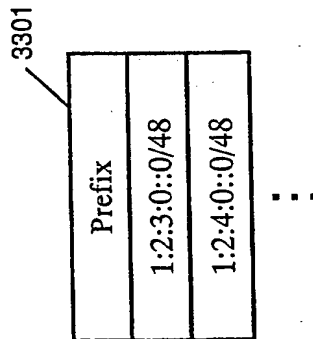
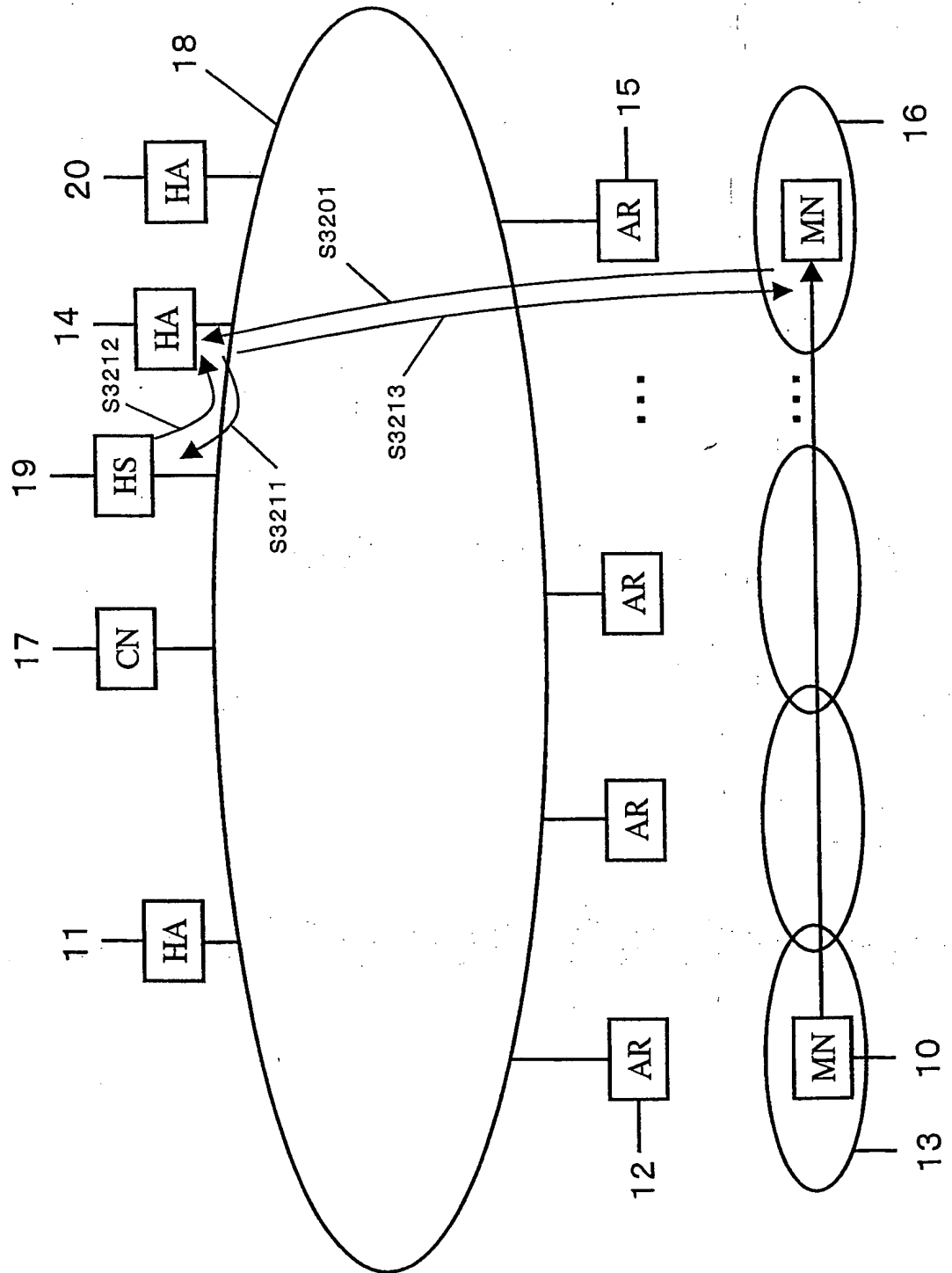
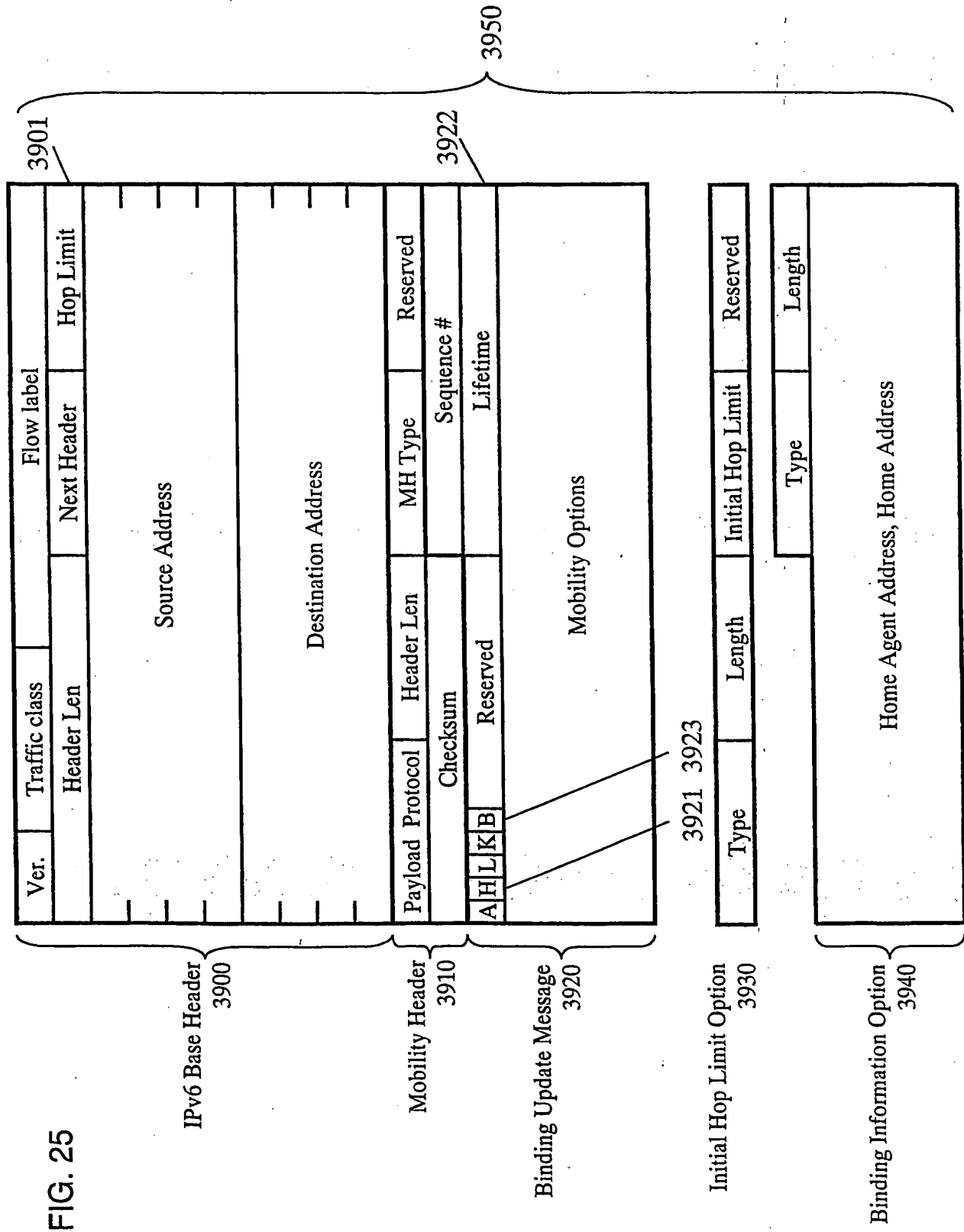
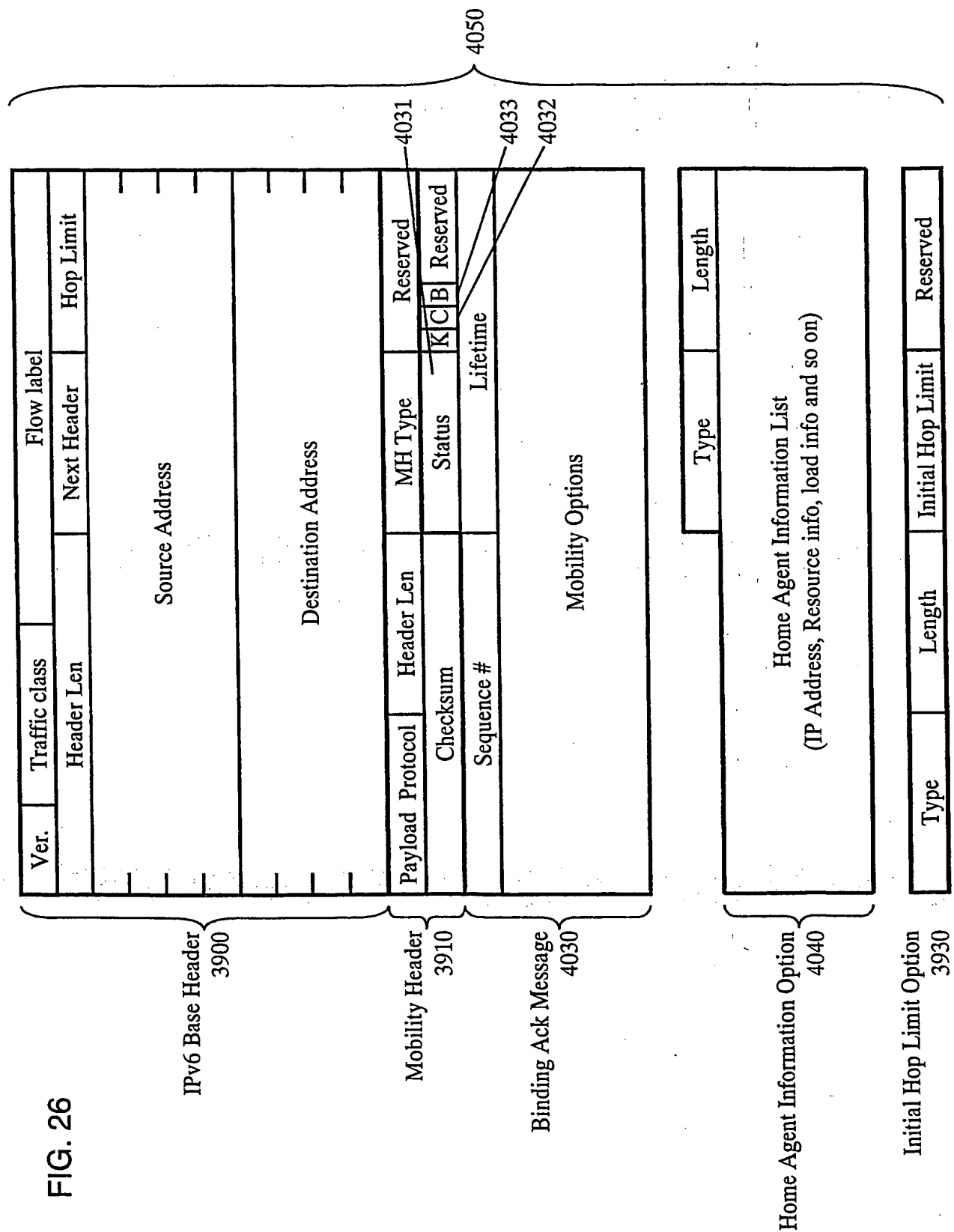
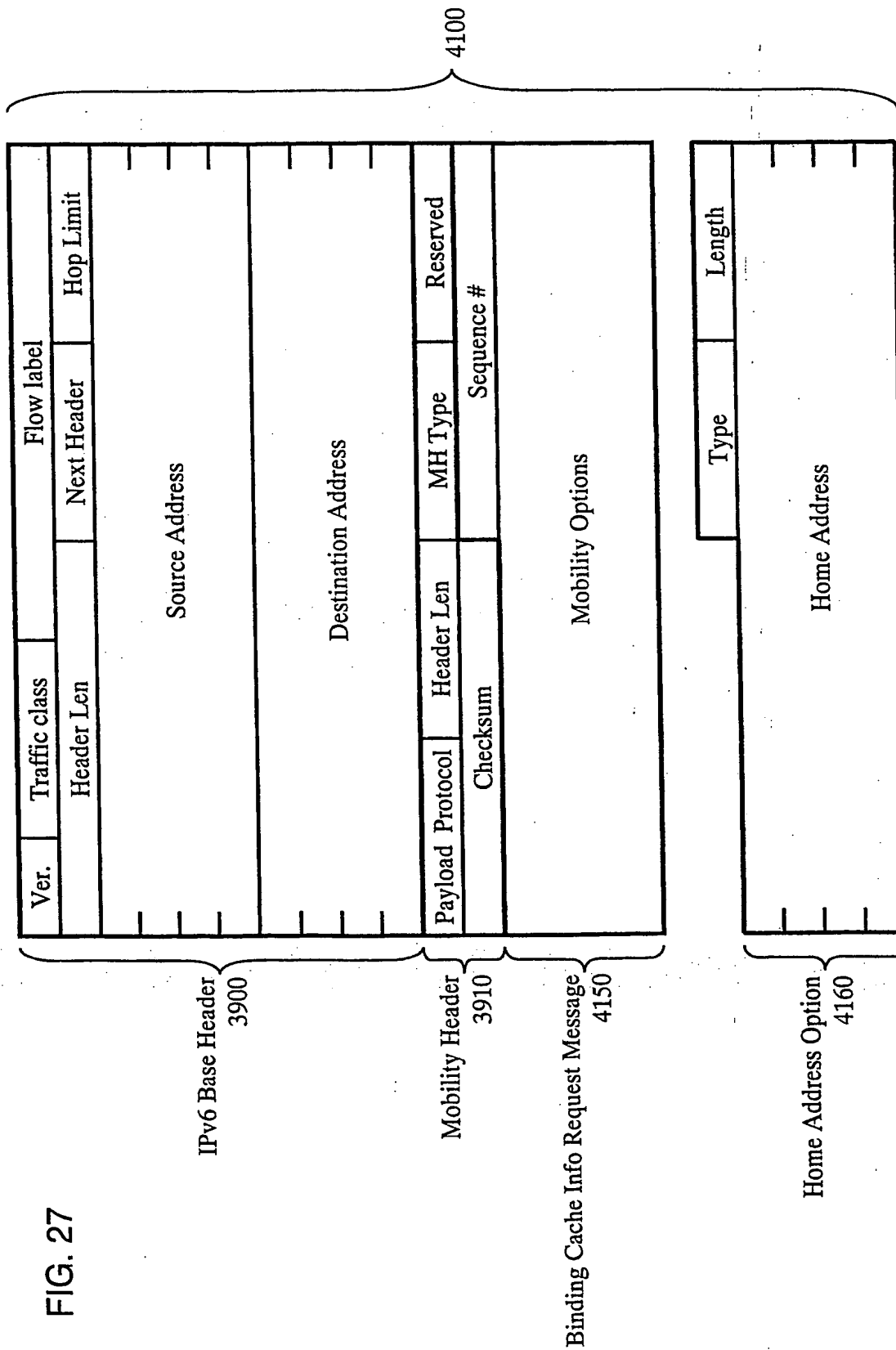


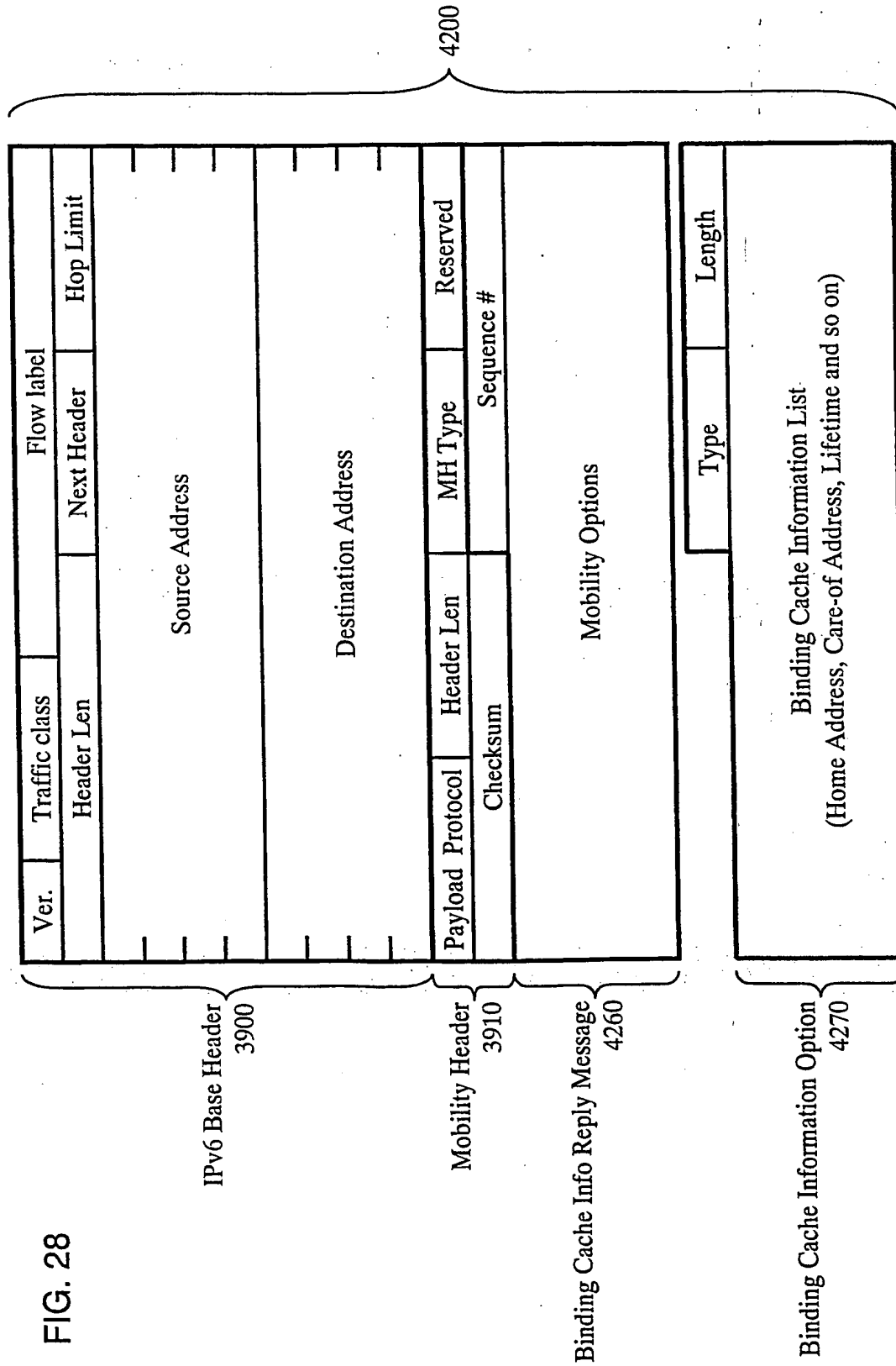
FIG. 24

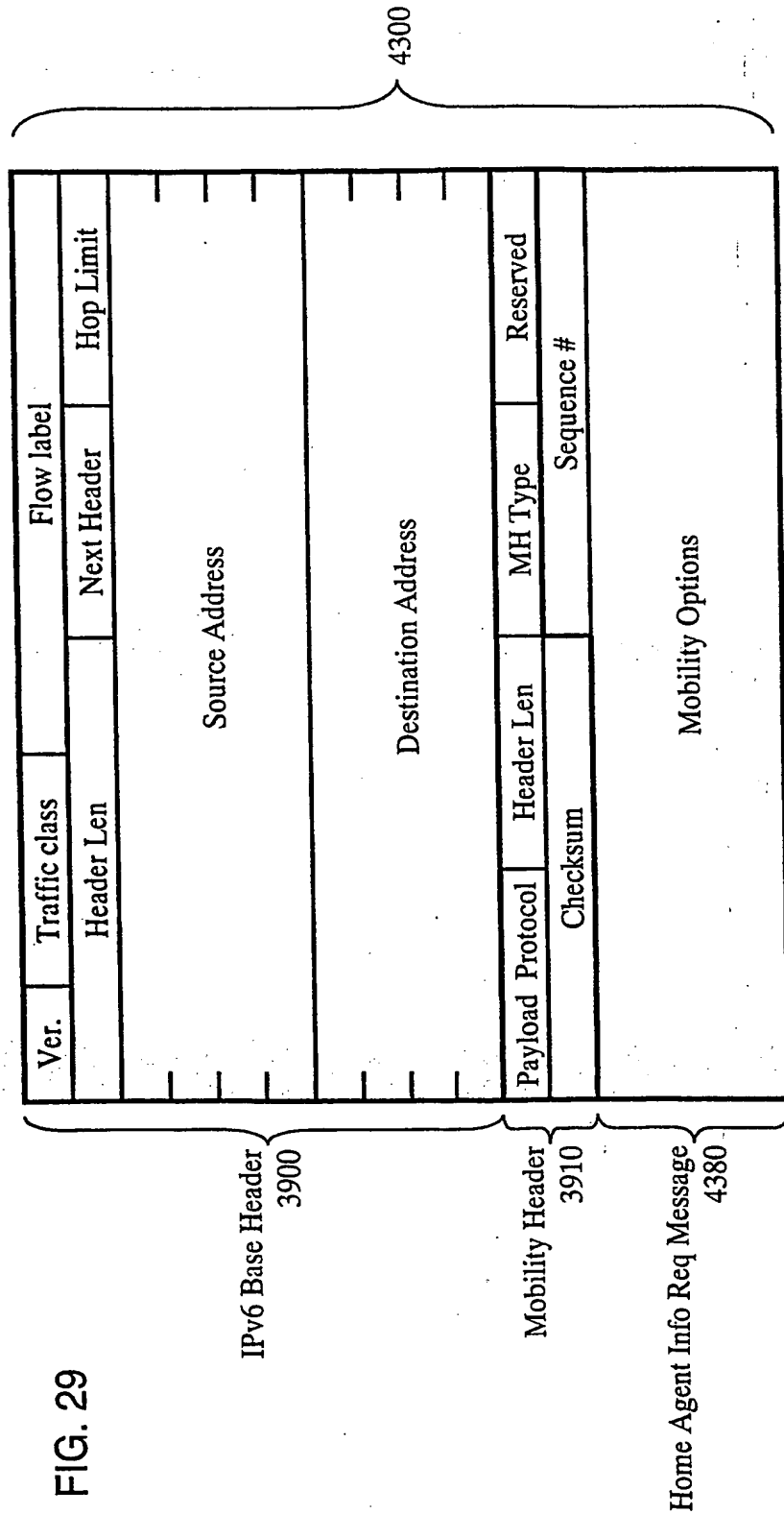












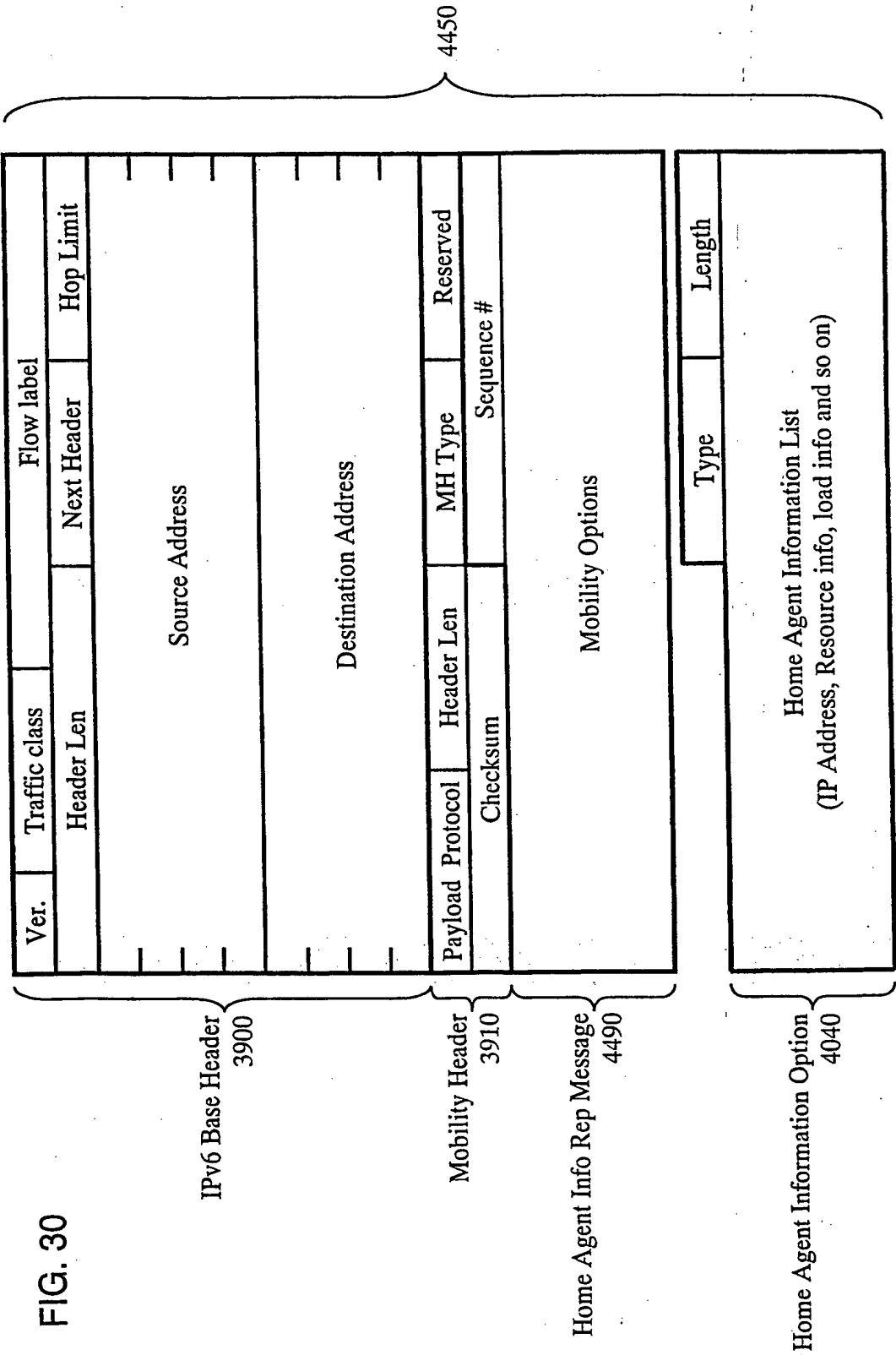
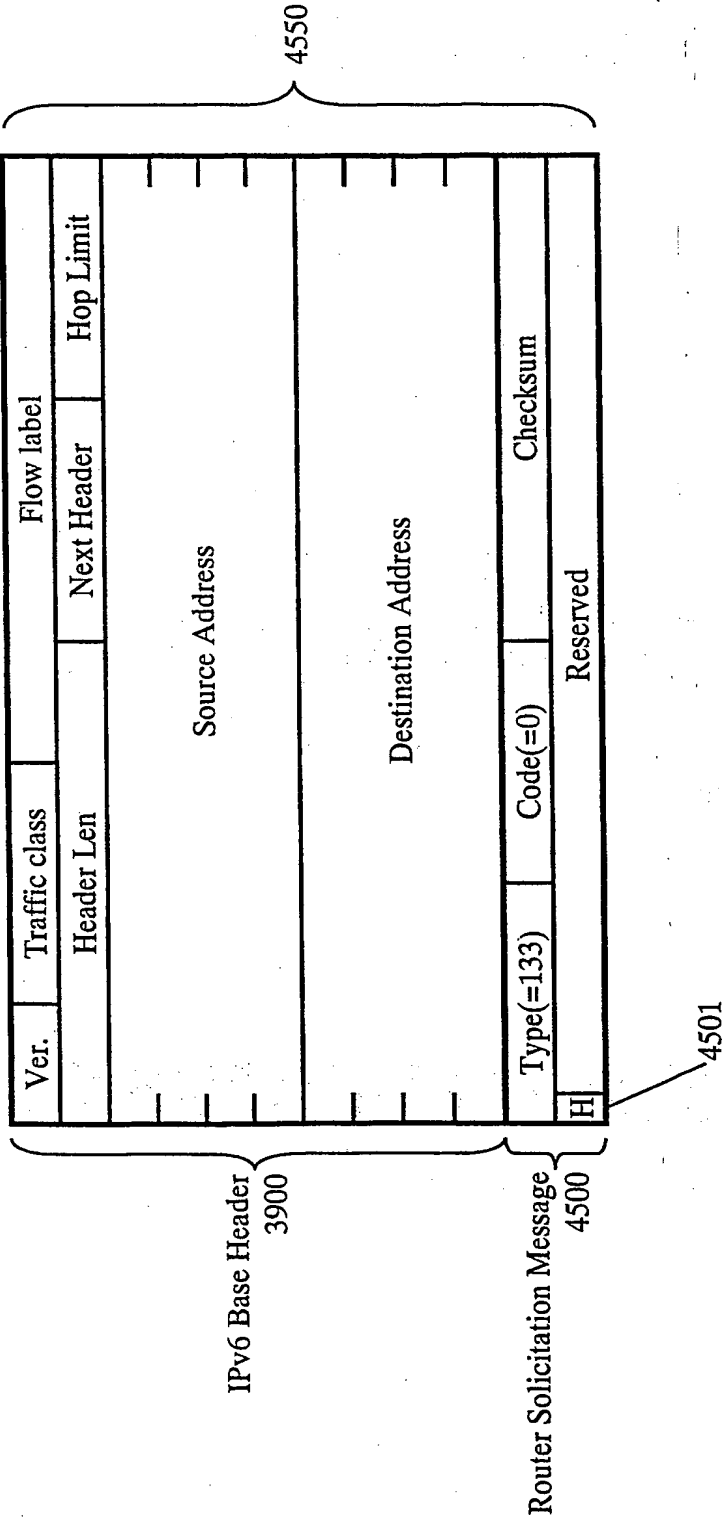


FIG. 31



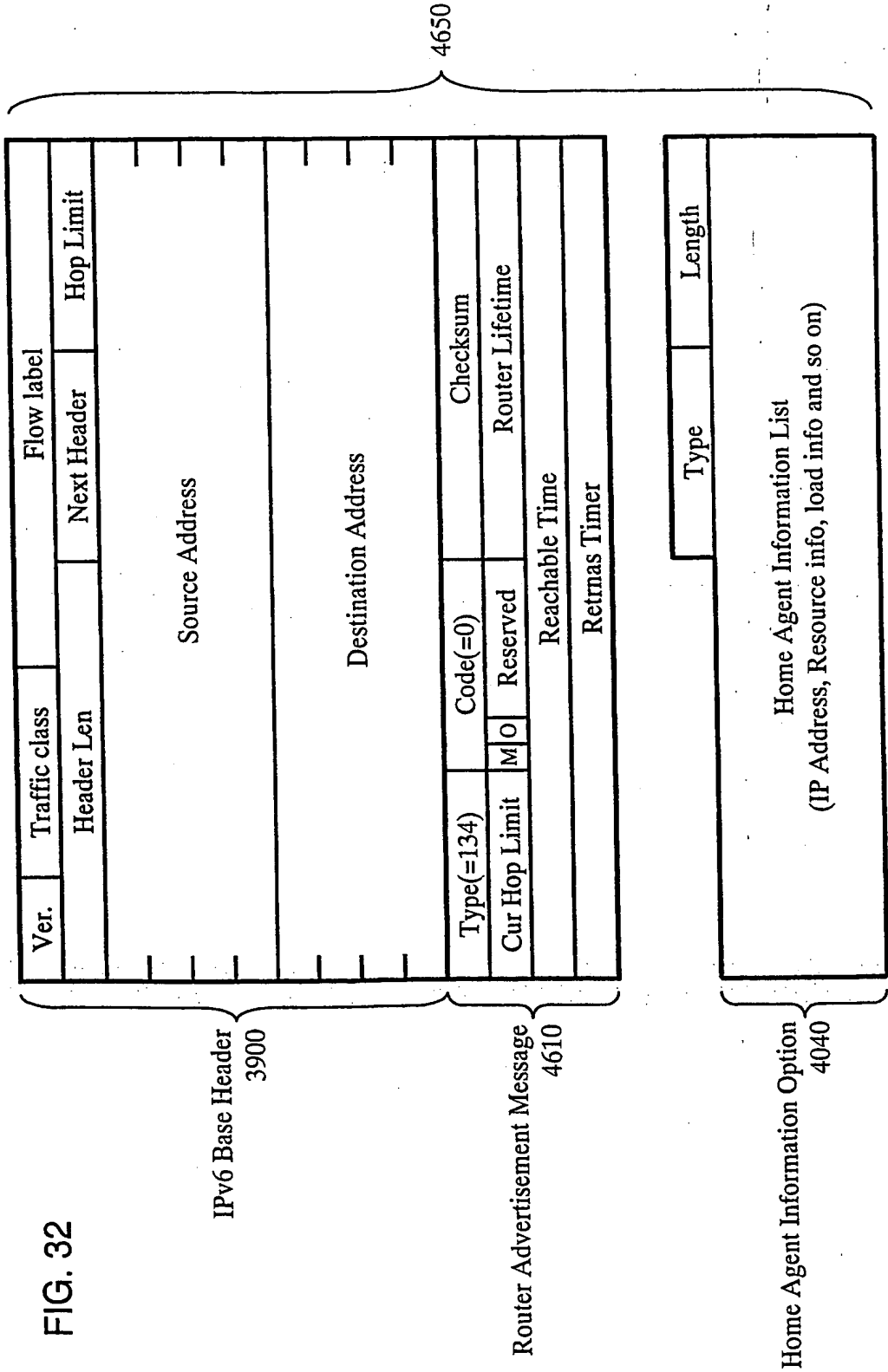
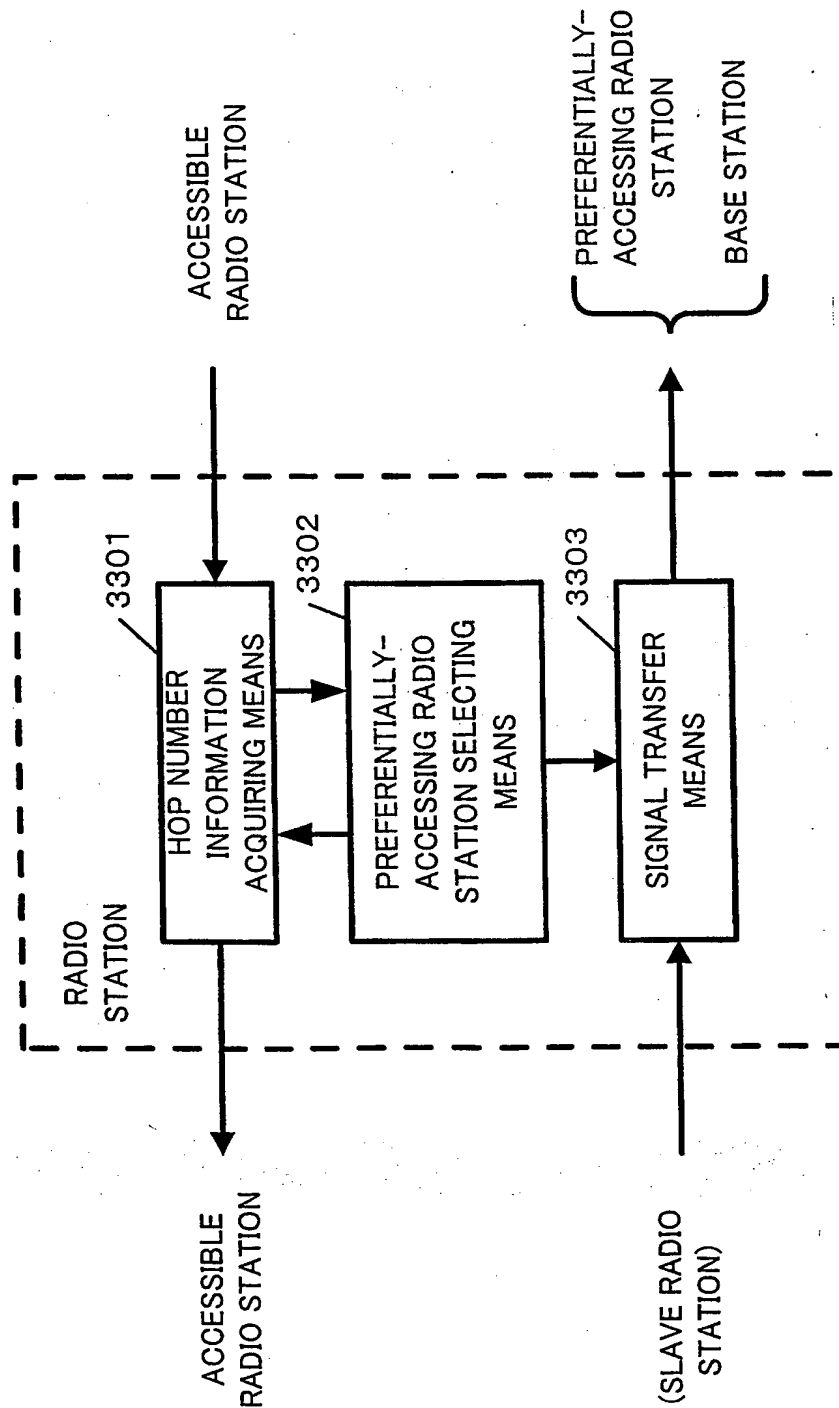


FIG.33



LIST OF DRAWING REFERENCE NUMBERS

10 MOBILE NODE

11,14,20 HOME AGENT

12,15 ACCESS ROUTER

13,16 RESPECTIVE RANGE

17 CORRESPONDENT NODE

18 IP NETWORK

19 HOME AGENT INFORMATION STORING SERVER

1100,1200 COMMUNICATING SECTION

1101,1201,1208,1301,1401 DATA LINK INTERFACE

1102,1202 IP PROCESSING SECTION

1103,1403 UPPER LAYER INTERFACE

1106,1205,1305 HOP NUMBER MEASURING SECTION

1104 HOME AGENT SELECTING SECTION

1108,1207 COMMUNICATION DELAY TIME MEASURING SECTION

1107,1206,1306,1406 HOME AGENT INFORMATION ACQUIRING SECTION

1105,1203,1303,1404 HOME AGENT INFORMATION STORING SECTION

1110,1407 APPLICATION SECTION

1204,1304,1405 HOME AGENT INFORMATION NOTIFYING SECTION

1210,1300,1400 NETWORK INTERFACE

1302,1402 IP PROCESSING SECTION

1307 COMMUNICATION DELAY TIME MEASURING SECTION

2508 HOP-NUMBER/COMMUNICATION-DELAY-TIME MEASURING SECTION

3301 HOP NUMBER INFORMATION ACQUIRING MEANS

3302 PREFERENTIALLY-ACCESSING RADIO STATION SELECTING MEANS

WO 03/088615

PCT/JP03/04898

35/35

10/500014

3303 SIGNAL TRANSFER MEANS